

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PHASE SHIFT COLLOIDS AS ULTRASOUND CONTRAST AGENTS the specification of which _____ is attached hereto or X was filed on October 16, 2000 as Application.Serial .No. 09/688,117 and was amended on (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

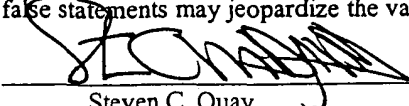
Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
08/465,922	June 16, 1995	Pending
08/182,024	January 19, 1994	Patented

Full Name of Inventor 1:	Last Name: Quay	First Name: Steven	Middle Name or Initial: C.	
Residence & Citizenship:	City: Edmonds	State/Foreign Country: Washington	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 23632 Highway 99, F-454	City: Edmonds	State/Country: Washington	Postal Code: 98026

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Steven C. Quay

Date: 3-22-01

SF 1195480 v1

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

PHASE SHIFT COLLOIDS AS ULTRASOUND CONTRAST AGENTS

the specification of which (check one) _____ is attached hereto or X was filed on January 19, 1994 as International Application No. PCT/US94/ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

			<u>Priority Claimed</u>	
			<u>Yes</u>	<u>No</u>
Number	Country	Day/Month/Year Filed	_____	_____
Number	Country	Day/Month/Year Filed	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>08/148,284</u>	<u>November 8, 1993</u>	<u>Pending</u>
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
<u>08/008,172</u>	<u>January 25, 1993</u>	<u>Pending</u>
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Steven C. Quay

Inventor's signature _____

JAN 14 1994
Date

Residence 14949 Corona del Mar, Pacific Palisades, CA 90272

Citizenship U.S.A.

Post Office Address 14949 Corona del Mar, Pacific Palisades, CA 90272



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 24, 2001

PTAS
TOWNSEND AND TOWNSEND AND CREW LLP
JOEL ACKERMAN
TWO EMBARCADERO CENTER, 8TH FLOOR
SAN FRANCISCO, CA 94111-3834



101822036A

J3A

024020022050VS

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/24/2001

REEL/FRAME: 012092/0612
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

QUAY, STEVEN C.

DOC DATE: 03/22/2001

ASSIGNEE:

SONUS PHARMACEUTICALS, INC.
22026-20TH AVENUE, S.E.
BOTHELL, WASHINGTON 98021

SERIAL NUMBER: 09688117

PATENT NUMBER:

FILING DATE: 10/16/2000

ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Form PTO-1595

(Rev. 03-01)

OMB No. 0651-0027 (exp. 5/31/2002)

08-24-2001

U.S. Department of Commerce
U.S. Patent and Trademark Office

Tab settings ⇌ ⇌ ⇌ ▼

To the Honorable Commissioner

ached original documents or copy thereof
dress of receiving party(ies)

1. Name of conveying party(ies):

Steven C. Quay

101822036

Name: Sonus Pharmaceuticals, Inc.

Internal Address: _____

Street Address: 22026 -20th Avenue, S.E.City: Bothell State: WA ZIP: 98021Additional names and addresses attached? ☐ Yes ☒ NoAdditional name(s) of conveying parties attached? ☐ Yes ☒ No.

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____Ex cution Date: March 22, 2001

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No(s): 09/688,117

B. Patent No(s): _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joel Ackerman
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-02006. Total number of applications and patents involved 17. Total fee (37 CFR 3.41): _____ \$ *
☐ Enclosed *Fee previously paid-
05/02/01 GTON11
☐ Authorized to be charged to deposit account
00000070 201430 968817
(See attached paid fee documents.)8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Joel AckermanName of Person Signing
Atty. Reg. No. 24,307

Signature

8/7/01

Date

Total number of pages including cover sheet, attachments and document 3Mail documents to be recorded with required cover sheet :
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

4123111

05-02-2001



101698665

TION FORM COVER SHEET
CONTINUATION
PATENTS ONLYU.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attachedName (line 1) Name (line 2) Name (line 1) Name (line 2) Name (line 1) Name (line 2) Execution Date
Month Day Year

APR 23 2001

Execution Date

Month Day Year

Execution Date

Month Day Year

Receiving Party(ies)

Enter additional Receiving Party(ies)

☐ Mark if additional names of receiving parties attachedName (line 1) Name (line 2) Address (line 1) Address (line 2) Address (line 3)

City

State/Country

Zip Code

Name (line 1) Name (line 2) Address (line 1) Address (line 2) Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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SF 1214074 v1

05/02/2001 010011 00000070 201430 09686117

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Correspondent Name and Address	Area Code and Telephone Number	415-576-0200
Name <input type="text" value="Joel G. Ackerman"/>		
Address (line 1) <input type="text" value="Townsend and Townsend and Crew LLP"/>		
Address (line 2) <input type="text" value="Two Embarcadero Center"/>		
Address (line 3) <input type="text" value="Eighth Floor"/>		
Address (line 4) <input type="text" value="San Francisco, CA 94111"/>		

Pages Enter the total number of pages of the attached conveyance document including any attachments #

Application Number(s) or Patent Number(s) ☐ Mark if additional numbers attached.
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/688,117"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
	PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

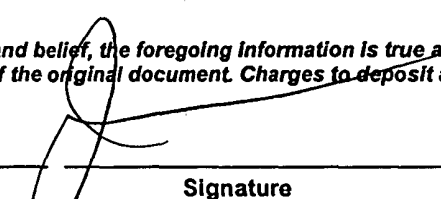
Method of Payment: Enclosed ☐ Deposit Account ☒

Deposit Account
Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #

Authorization to charge additional fees: Yes X No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Joel A. Ackerman		04/17/2001
Name of Person Signing	Signature	Date

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Steven C. Quay, of , hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PHASE SHIFT COLLOIDS AS ULTRASOUND
CONTRAST AGENTS

Date(s) of execution of Declaration: _____

Filing Date: October 16, 2000

Application No.: 09/688,117; and

WHEREAS, Sonus Pharmaceuticals, Inc., a Delaware corporation, located at 22026 -20th Avenue, S.E., Bothell, Washington 98021, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

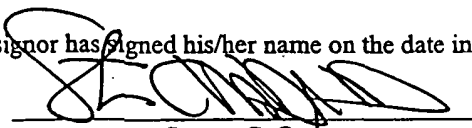
For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 3-22-01


Steven C. Quay

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Steven C. Quay, of , hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PHASE SHIFT COLLOIDS AS ULTRASOUND
CONTRAST AGENTS

Date(s) of execution of Declaration: _____

Filing Date: October 16, 2000

Application No.: 09/688,117; and

WHEREAS, Sonus Pharmaceuticals, Inc., a Delaware corporation, located at 22026 -20th Avenue, S.E., Bothell, Washington 98021, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

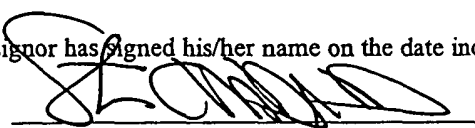
For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 3-22-01


Steven C. Quay

INDIVIDUAL ACKNOWLEDGMENT

New York
STATE OF WASHINGTON,
County of *Suffolk* } ss.

I certify that I know or have satisfactory evidence that *Steven C. Lutz, M.D., Ph.D.*
_____ is/~~are~~ the person/~~are~~ who appeared before me, and said person/~~are~~
acknowledged that *he* signed this instrument and acknowledged it to be *his*
free and voluntary act for the uses and purposes mentioned in the instrument.

Dated this *22nd* day of *March*, *2001*.

Carol E. Cass

Print Name *CAROLE E. CASS*
Notary Public in and for the State of *New York*
My appointment expires: *April 4, 2002*

CAROLE E. CASS
Notary Public, State of New York
No. 01CA5025596
Qualified in Suffolk County
Commission Expires April 04, 20*02*



INDIVIDUAL ACKNOWLEDGMENT

New York
STATE OF WASHINGTON,

County of Suffolk } ss.

I certify that I know or have satisfactory evidence that Steven C. Quay, M.D., Ph.D.
_____ is/~~are~~ the person/~~are~~ who appeared before me, and said person/~~are~~
acknowledged that he signed this instrument and acknowledged it to be his
free and voluntary act for the uses and purposes mentioned in the instrument.

Dated this 22nd day of March, 2001.

Carol E. Cass

Print Name CAROL E. CASS

Notary Public in and for the State of New York

My appointment expires: April 4, 2002

CAROL E. CASS
Notary Public, State of New York
No. 01CA5025596
Qualified in Suffolk County
Commission Expires April 04, 2002



J. Ackerman
021020022050US



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 13, 2001

PTAS
TOWNSEND AND TOWNSEND AND CREW LLP
JOEL G. ACKERMAN
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO, CA 94111



101698665A

ASSIGNMENT DUE: 8-12-01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF NON-RECORDATION OF DOCUMENT

DOCUMENT ID NO.: 101698665

THE ENCLOSED DOCUMENT HAS BEEN EXAMINED AND FOUND NON-RECORDABLE BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. THE REASON(S) FOR NON-RECORDATION ARE STATED BELOW. DOCUMENTS BEING RESUBMITTED FOR RECORDATION MUST BE ACCOMPANIED BY A NEW COVER SHEET REFLECTING THE CORRECT INFORMATION TO BE RECORDED AND THE DOCUMENT ID NUMBER REFERENCED ABOVE.

THE ORIGINAL DATE OF FILING OF THIS ASSIGNMENT DOCUMENT WILL BE MAINTAINED IF RESUBMITTED WITH THE APPROPRIATE CORRECTION(S) WITHIN 30 DAYS FROM THE DATE OF THIS NOTICE AS OUTLINED UNDER 37 CFR 3.51. THE RESUBMITTED DOCUMENT MUST INCLUDE A STAMP WITH THE OFFICIAL DATE OF RECEIPT UNDER 37 CFR 3. APPLICANTS MAY USE THE CERTIFIED PROCEDURES UNDER 37 CFR 1.8 OR 1.10 FOR RESUBMISSION OF THE RETURNED PAPERS, IF THEY DESIRE TO HAVE THE BENEFIT OF THE DATE OF DEPOSIT IN THE UNITED STATES POSTAL SERVICE.

SEND DOCUMENTS TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231. IF YOU HAVE ANY QUESTIONS REGARDING THIS NOTICE, YOU MAY CONTACT THE INDIVIDUAL WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.

1. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. THE NAME OF THE CONVEYING PARTY(S) MUST BE INDICATED ON THE COVER SHEET AND MUST BE COMPLETE. (I.E. LAST NAME, FIRST NAME MI)
2. THE COVER SHEET SUBMITTED FOR RECORDING IS NOT ACCEPTABLE. THE NAME AND ADDRESS OF THE RECEIVING PARTY(S) MUST BE INDICATED ON THE COVER SHEET.

STEVEN POST, EXAMINER

ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

TO THE U.S. PATENT AND TRADEMARK OFFICE - BOX ASSIGNMENT

Mailing Date: 7/24/02
File No.: 021315-000000US Application Nos.: 08/745,256, etc.
Patent Nos.: 5,393,524, etc.

(Sonus Pharmaceuticals re-assignment to Amersham)

Attorney: JGA/nn

Inventors: Various

Title: Various

Transmittal Form SB/21 with:

Recordation Form Cover Sheet (2 pgs., in duplicate)

Assignment (1 pg. with 1-pg. Appendix)

Please stamp the date of receipt of the enclosed documents and return this card to addressee.

TO THE U.S. PATENT AND TRADEMARK OFFICE - BOX ASSIGNMENT

Mailing Date: 7/24/02
File No.: 021315-000000US Application Nos.: 08/745,256, etc.
Patent Nos.: 5,393,524, etc.

(Sonus Pharmaceuticals re-assignment to Amersham)

Attorney: JGA/nn

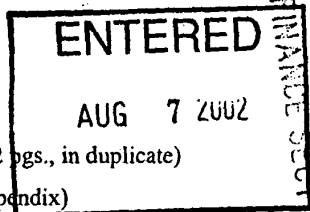
Inventors: Various

Title: Various

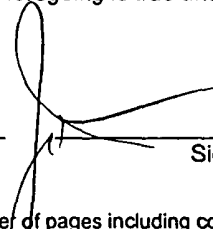
Transmittal Form SB/21 with:

Recordation Form Cover Sheet (2 pgs., in duplicate)

Assignment (1 pg. with 1-pg. Appendix)



Please stamp the date of receipt of the enclosed documents and return this card to addressee.

Form PTO-1595 (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002)		Recordation Form Cover Sheet PATENTS ONLY		U.S. Department of Commerce U.S. Patent and Trademark Office	
Tab settings >>> ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼					
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies): Sonus Pharmaceuticals, Inc. Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.			2. Name and address of receiving party(ies) Name: <u>Amersham PLC</u> Amersham PLC The Grove Centre White Lion Road Amersham Buckinghamshire HP7 9LL United Kingdom Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____			Execution Date: July 2, 2002		
4. Application number(s) or patent number(s). If this document is being filed together with a new application, the execution date of the application is: _____					
A. Patent Application No(s): 08/745,256 08/710,849 08,646,910 08/896,821 08,466/104 09/590,026			B. Patent No(s): 5,393,524 5,573,751 5,409,688 5,558,094 5,558,854 6,156,292 5,558,855 Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Joel G. Ackerman</u> TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200			6. Total number of applications and patents involved <u>24</u> 7. Total fee (37 CFR 3.41): _____ \$960.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>20-1430</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i>					
<u>Joel G. Ackerman</u> Name of Person Signing Atty. Reg. No. 24,307			 Signature		
Total number of pages including cover sheet, attachments and document <u>4</u>			<u>7/23/07</u> Date		

Mail documents to be recorded with required cover to:
 Commissioner of Patents and Trademarks, Box Assignments
 Washington, D.C. 20231

21910 U.S. PTO
 10/620280
 07/14/03

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)
2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)
3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)
09/670,894 09/670,910 09/918,631 08/465,922

B. Patent No.(s)
5,707,606 5,595,723 5,707,607 5,876,696 5,558,853 6,245,319
5,897,851

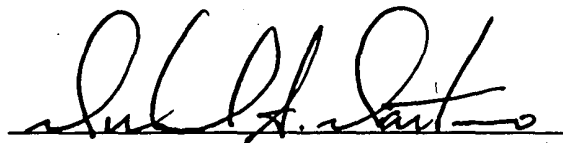
PATENT ASSIGNMENT

WHEREAS, Sonus Pharmaceuticals, Inc. of 22026 20th Avenue S.E., Bothell, Washington 98021, USA ("Sonus") is sole owner of the U.S. patents and patent applications listed on Appendix A attached hereto; and

WHEREAS, Amersham Health A/S of Nycoveien 102, Oslo, Norway has agreed to purchases Sonus's rights to and under the listed patents and applications,

Therefore, for valuable consideration, the receipt of which is hereby acknowledged, Sonus hereby assigns all its right, title and interest in the listed patents and patent applications to Amersham Health A/S for the entire term of the patent together with any reissues, reexaminations or extensions thereof.

Date: July 2, '02



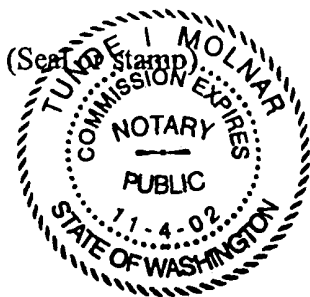
Name: MICHAEL A. MARTINO

Title: PRESIDENT & CEO

STATE OF WASHINGTON)
) ss.
COUNTY OF SNOHOMISH)

I certify that I know or have satisfactory evidence that Michael Martino is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the attached instrument.

Executed at Bothell (city), Washington, this 2nd day of July, 2002.



Tunde I. Molnar
Signature
Printed Name: TUNDE I. MOLNAR
Notary Public
My appointment expires 11-04-02